

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method of using a mobile terminal (MT) for synchronizing uplink signals in a communication system which supports base station (BS) / mobile terminal (MT) wireless bi-directional communications that use via the utilization of a time frame format having sequentially identified system time frames, the method comprising:

receiving communication data from a BS within system time frames including a TA signal which include TA data and a Connect Frame Number (CFN) specifying a specific frame for effectuating a timing adjustment; and

adjusting the timing of uplink transmission timing transmissions of the MT in response to TA data in the received TA signal commencing in the time frame specified in the CFN of the received TA signal.

2. (Currently Amended) A mobile terminal (MT) for a communication system which supports base station (BS) / mobile terminal (MT) wireless bi-directional communications via the utilization of a time frame format having sequentially identified system time frames where BSs transmit selectively

formatted communication data to MTs within system time frames, the mobile terminal (MT) comprising:

a receiver, a transmitter and an associated processor;

said receiver configured to receive communication data from a BS within system time frames including timing advance (TA) signals which include TA data and a Connect Frame Number (CFN) specifying a specific frame for effectuating a timing adjustment by the selected MT;

said transmitter configured to transmit selectively formatted communication data to a BS within system time frames synchronized by said processor; and

said MT processor configured to adjust transmission timing the timing of the transmissions of said transmitter MT processor in response to TA data in a received TA signal commencing in the time frame specified in the CFN of the received TA signal.

3. (New) A mobile terminal comprising:

a receiver, a transmitter and an associated processor;

said receiver configured to receive wireless communication signals within sequentially identified time frames including timing advance signals which include timing advance data and a Connect Frame Number specifying a specific frame for effectuating a timing adjustment;

said transmitter configured to transmit selectively formatted wireless communication signals within sequentially identified time frames synchronized by said processor; and

 said processor configured to adjust transmission timing of said transmitter in response to timing advance data in a received timing advance signal commencing in the time frame specified in the Connect Frame Number of the received timing advance signal.

4. (New) A method for synchronizing wireless communication signals by a mobile terminal comprising:

 receiving wireless communication signals within sequentially identified time frames including timing advance signals which include timing advance data and a Connect Frame Number specifying a specific frame for effectuating a timing adjustment; and

 adjusting the timing of wireless communication signal transmissions of the mobile terminal in response to timing advance data in a received timing advance signal commencing in the time frame specified in the Connect Frame Number of the received timing advance signal.